

# METALI BF

[www.metalibf.com](http://www.metalibf.com) (HR)





Naša zanatska limarija je počela sa radom prije gotovo 30 godina. U početku se isključivo bavila prozvodnjom i ugradnjom limarskih elemenata za potrebe privatnih stambenih objekata. Godine 1996. ova radnja prerasta u preduzeće FIKO COMMERC SF d.o.o. Od tada se kontinuirano razvijamo kao jedno od vodećih preduzeća u sektoru građevinske limarije, njene proizvodnje, prodaje i usluge ugradnje.



Pored stambenih objekata otvorili smo porizvodne pogone za sve vrste pokrova stambeni i poslovnih objekata. Imamo svoje partnere širom zemlje, ali i nekolicinu u EU.

Nakon što smo postali prepoznatljivo preduzeće na prostoru naše zemlje, otvorili smo građevinski obrt u R Hrvatskoj, tačnije u Vojniću 2006. godine, da bi isti, tokom 2013.godine prerastao u preduzeće METALI BF d.o.o.



Declaration of confirmiti

Our shop started to work almost 30 years ago. Initially dealt exclusively with production and installation of sheet metal elements for the purposes of private dwellings.

In 1996. this store has grown into a company FIKO COMMERC SF Ltd. Since then, continuously developing as one of the leading companies in the sector of metal sheet, its production, sale and service of construction.

In addition to the housing units we have opened production facilities for all types of cover residential and commercial properties. We have our partners across the country as well as a few in the EU.

After we became a recognizable company on the territory of our country, we opened the building trade in the Croatia 2006. to be the same in 2013 grew into a company BF METALS Ltd.





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## PRODUCTION AND BUILDING ROOF AND WALL SYSTEMS





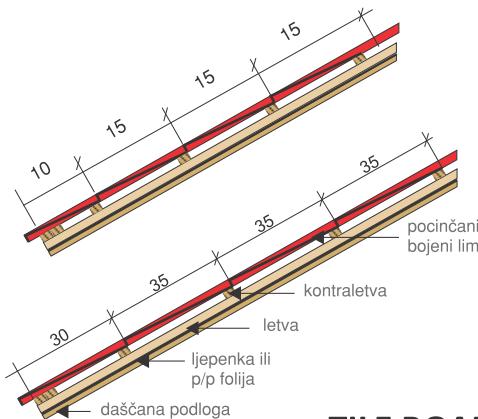
## CRIJEPNA PLOČA FC, lim kao crijeplim

Crijeplna ploča izrađuje se od kvalitetnog pocičanog plastificiranog lima debljine 0,50 mm presvućenog sintetičkim presvlakama i zaštićenog poliester bojom. Pored pocičanog limova u primjeni su i al limovi debljine 0,70 mm. Ovakav profilisan lim pogodan je za pokrivanje stambenih objekata, privatnih stambenih kuća gdje ima i najširu primjenu. Ugradnjom ove vrste pokrova sa samo 4,50 kg dobije se težina po 1 m<sup>2</sup> krovne površine, a ujedno se dobije estetski tradicionalno rješenje pokrova gdje uslovni to zahtjevaju.



Lim kao crijeplim ili crijeplna ploča FC se proizvodi u našem pogonu u željenim dužinama / zavisno od transporta/ i u standardnim bojama prema RAL karti.

Crijeplnu ploču FC radimo sa kondenznim filcom ili bez njega. Prednosti kondenznog filca je da u zavisnosti od vrste pokrova nemamo potrebu za klasično daščanje krovne konstrukcije, izbjegavanje paropropusne folije, apsorpcija zvuka, toplostna izolacija, gorljivost u skladu sa normom DIN 4102 B1 te otpornost na bakterije.



Detalj pokrova na stambeno poslovnom objektu u Cazinu

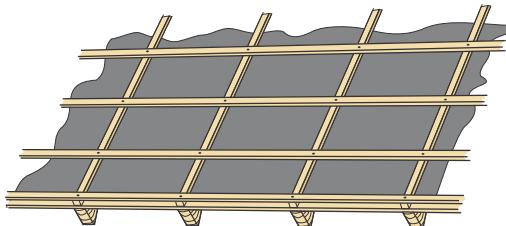
raspon letvanja za crijeplim sa kratkim valovima

raspon letvanja za crijeplim sa dugim valovima

## TILE BOARD FC, sheet as tile



Tile panel made of quality galvanized coated steel sheet thickness 0.50mm plated synthetic upholstery and protected polyester paint.



## Stambeno poslovno naselje SM 1-4 Banja Luka

This profiled sheet is suitable to cover residential buildings - private houses, where has the widest application.

By using such a profiled sheet follow the traditional aesthetics of the roof is solved, and also get a stylish roof that is easy to maintain.

Tile panels are manufactured in our facility in program operated machines, enabling the panel length and density waves of pre programmed at the request of the customer, so it is fitting during installation very precisely, and the waste sheet is reduced to a minimum.

In addition to standard tile panels are manufactured and tile panel with short-wave (in the form of imitation plain tiles), which can be even better fit into the traditional appearance of the building and adapt the space and facility.





Detalj pokrova na stambenom objektu  
Banja Luka

Detail of the roof of the residential building  
Banja Luka

Detalj pokrova na krovu crkve u Drvaru

Detail of the roof of the church



Stambeno poslovni objekat SM 5  
Banja Luka

Residential and commercial building SM 5  
Banja Luka

Stambeni objekat  
Virovitica

Residential building  
Virovitica

Stambeni objekat  
Cazin

Residential building  
Cazin

Turističko naselje  
Austrija

Tourist resort  
Austria





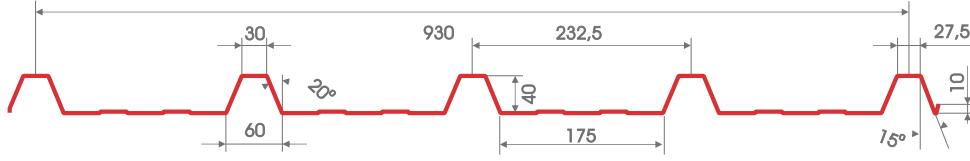
## TRAPEZNI LIM TR 40X175

Trapezno profilisani lim izraduje se od kvalitetnog pocićanog plastificiranog lima debljine 0,50-1,00 mm presvučenog sintetičkim presvlakama i zaštićenog poliester bojom. Pored pocićanih limova u primjeni su i al limovi debljine 0,70-1,50 mm.

Jedna od najbitniji karakteristika ovog profilisanog lima je da određenom debljinom mogu se savladati veliki rasponi kao i smnjiti nagib krovne plohe. Pored ove vrste trapeznog lima kaod nas možete dobiti i niskovalne limove za oblaganje fasada kao i visokovalne limove. Trapezno profilisani lim pored primjene kao pokrov odličan je i za oblaganje fasade industrijskih kao i poslovnih objekata. U našem pogonu se proizvodi prema željenim dužinama /zavisno od transporta/ u standarnim bojama prema RAL karti. Radimo ga sa kondenznim filcom ili bez njega.



Poslovni objekat u Zagrebu      Commercial building in Zagreb



**Trapezoidal sheet TR 40x175**



Trapezoidal profiled sheet TR-40 x 175 is made from quality steel that is coated with synthetic trim and protected polyester paint or plastisol. This profiled sheet represents the ideal material for covering objects with those that are particularly suitable to cover the hall where is its widest application.

One of the most important characteristics of trapezoidal profiled sheet is its endurance at high load. They come at the desired lengths and are available in colors from RAL cards and have a rapid and simple installation.

Trapezoidal profiled sheet T-40 x 175 are manufactured in our production with additional reinforcements and condensate rebate where any excess water in case of condensation drains into troughs or gutters ..

Trapezoidal profiled sheet T-40 x 175 offer with and without condensate film. Condensation foil regulates the humidity in the room. With that we prevent dripping and damages that may arise due to water condensation on cold plate.

Fortuna d.o.o Banja Luka  
Rekreativni centar u banja Luci

Fortuna Ltd. Banja Luka  
Recreation center





Gospodar prstenova

## NISKOVALNI LIM - SINUSOIDA FC

Niskovalni valoviti lim SINUSOIDA FC izrađuje se od kvalitetnog pocinčanog plastificiranog lima debljine 0,50-0,70mm presvučenog sintetičkim presvlakama i zaštićenog poliester bojom. Pored pocinčanih limova u primjeni su i al limovi debljine 0,70-1,00 mm. Ovakav profilisan lim idealan je za oblaganje fasada veliki industrijskih objekata, poslovnih objekata a kombinacijom sa dva sloja, termoizolacijom te ostalim potrebnim elemetima dobije se sendvič panel.

U našem pogonu se proizvodi prema željenim dužinama /zavisno od transporta/ u standarnim bojama prema RAL karti.

Nevistić Commerce Tomislavgrad  
Bridal Salon

Nevistić Commerc d.o.o Tomislavgrad  
Svadbeni salon u Tomislavgradu



### Sinusoidal sheet



FC sinusoidal sheets are manufactured to high quality zinc coated steel sheet with a thickness of 0.5 mm to 0.7 mm coated with synthetic trim and the protected polyester paint.

This plate is ideal for cladding large industrial facilities, office buildings and a combination of two layers, insulation and other materials obtained sandwich panel.

In our plant is produced by the desired length of the standard colors according to RAL.



TEMPO d.o.o Banja Luka  
Supermarket u Banja Luci

TEMPO d.o.o Banja Luka  
Supermarket u Banja Luci

Osmangić d.o.o  
Auto salon Opel i  
Chevrolet, Podgorica



Osmangić d.o.o  
Auto salon Opel i  
Chevrolet, Podgorica



## DUPLOFALCANI LIM

Duplofalconi pokrov izrađuje se od kvalitetnog pocinčanog plastificiranog lima debljine 0,50 presvućenog sintetičkim presvlakama i zaštićenog poliester bojom mekše strukture namjenjen za ovu vrstu pokrova. Pored pocinčanih limova u primjeni su i aluminijski limovi debljine 0,70, bakreni limovi, inox i cinkotit također namijenjeni za izradu ovakve vrste pokrova. Ovakva vrsta pokrova koristi se za krovove sa blagim nagibom, lučne i kupolaste krovove.



Prikaz spoja dva lima  
kod duplog falcanja

 ŽUTE ZGRADE  
Stambeno poslovno naselje  
Banja Luka



## RAVNI KROVOVI - SIKA

Pored profilisanih limova u našoj ponudi imamo i materijale za ravne krovove-krovove sa jako malim nagibom. Kada nas u primjeni je SIKA sistem krovne hidroizolacije.

Standarno u primjeni je Sikplan 15G krovna hidroizolacijska membrana za izložene ravne krovove /neprohodne krovove / a u ponudi ima i krovna membrana za prohodne - zelene krovove.

Sikplan 15 G debljine 1,5 mm je višeslojna sintetička vodootporna krovna membrana bazirana na polivinil kloridu /PVC/ koja se slobodno polaže i mehanički pričvršćava, a spojevi se zavrjavaju električnom opremom za vruće varenje. Otporna je na UV zračenja, ima visoku otpornost na starenje, otpornost na mehaničke uticaje, visoka čvrstoća istezanja te visoka paroprpusnost.

 J.U.A FRICHEIS  
Izgled krova na objektu u Visokom



J.U.A. Fricheis  
The appearance of the roof on the building in Visoko

Sistem polaganja SIKA pokrova  
Objekat Auto salon u Vogošći  
AME d.o.o Breza



## Double interlocked sheet



Double interlocked cover is made of high-quality galvanized sheet thickness 0.50mm plated synthetic upholstery and protected polyester paint softer structure designed for this type of cover.

In addition to galvanized steel sheets are applicable and aluminum sheets with a thickness of 0,70mm, copper sheets, stainless steel and cinkotit also intended to create this type of cover.

This type of cover is used for flat roofs, arched and domed roofs.

## Flat roofs - SIKA

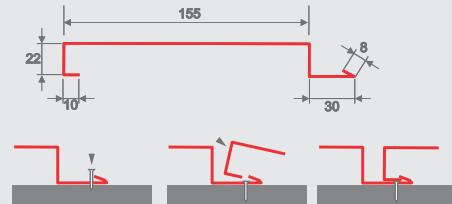
Besides profiled sheets in our offer we have materials for flat roofs with a very slight incline.

By default the application is Sikplan 15G roof waterproofing membrane for exposed flat roofs and offers a roof membrane for progodne - green roofs.

Sikplan 15G thickness of 1.5mm is multilayered synthetic roof waterproofing membranes based on polyvinyl chloride which is free lays and mechanically fastened.

It is resistant to UV radiation, has a high resistance to aging, resistance to mechanical stress, high tensile strength and high vapor permeability.

The system of SIKA cover  
Car showroom building in Vogosca  
AME Ltd. Breza



## PROFILISANI LIM - DAMPA

Dampa je profilisani limeni profil namjenjen za izradu stropova kako na javnim objektima tako i za oblogu streha na privatnim kućama. Standardno se izrađuje od čeličnog pocijančanog plastificiranog lima debljine 0,50 mm r.š 25 cm (15,50 cm).

Pored standarnog profila i materijala dampa možemo izraditi i od aluminijskih limova i inoxa, a širine možemo prilagoditi po želji kupca. Zavisno od vrste materijala i r.š dampe mijenja se i debljina limova.



## Corrugated sheet - Dampa

Dampa is profiled sheet intended for manufacture of ceilings both in public buildings and for roof covering at private homes. The standard is made of steel zinc coated steel sheet 0.5mm thick.

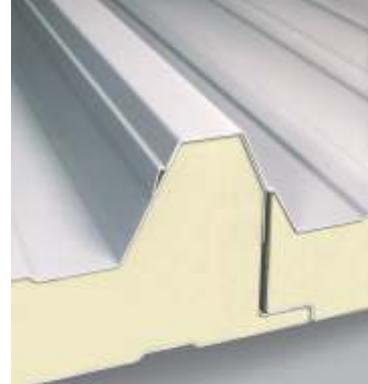
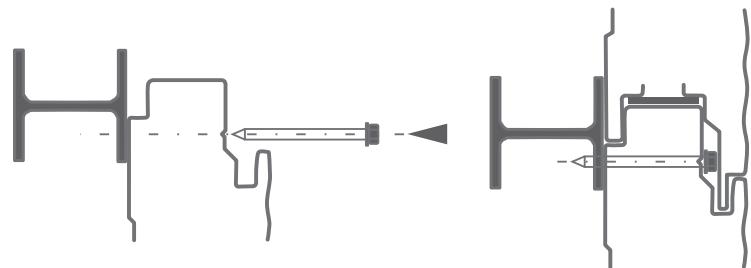
In addition to standard profiles and materials Dampa can make from aluminum and stainless steel sheets and width can be adapted according to customer.

Depending on the type of material to dampa changes and thickness of sheet metal.

Detalj izgleda DAMPE na privatnim i javnim objektima

Detail looks of DAMPA on residential and business facilities





## KROVNI I FASADNI SENDVIĆ PANELI

Sendvić paneli izrađuju se od dva sloja čeličnoga pocinčanoga plastificirana lima i spune od poliuretana PUR ili PIR, kamene vune i stiropora.

Debljina i vrsta toplotne izolacije određuje debljinu vanjskog i unutrašnjeg lima. Kod nas u primjeni debljina vanjskih limova je od 0,50-0,60 mm dok su unutrašnji od 0,40-0,50 mm ili po zahtjevu kupca.

Pored čeličnih poc. pastificiranih limova u primjeni su aluminiski limovi i inox. Standardna vanjska profilacija kod krovnih panela je trapezna, kod fasadnih mikroprofilacija (skriveni spoj) ili pregradni zidni panel (vidljivi spoj) dok je unutrašnja strana standrdna profilacija kod obe vrste panela.

Širina panela je 1 m, a dužina zavisno od transporta (do 13,60 m).



## The roof and facade sandwich panels



Sandwich panels are made of two layers of galvanized coated steel sheet filling polyurethane PUR or PIR, rock wool and polystyrene.

The thickness and type of thermal insulation thickness is determined by the outer and inner sheet. Application thickness of the outer sheet is from 0.50 to 0,60mm while the interior of 0.40 to 0.50 mm, or on request.

In addition to steel PROP in Poiseuille are aluminum and stainless steel.  
Standard exterior molding at the roof panels is trapezoidal in facade hidden layer or the partition wall panel while the inner side  
Standard molding in both types of panels.  
Cover width is 1 no matter the length depending on the transport (up to 13.60m)

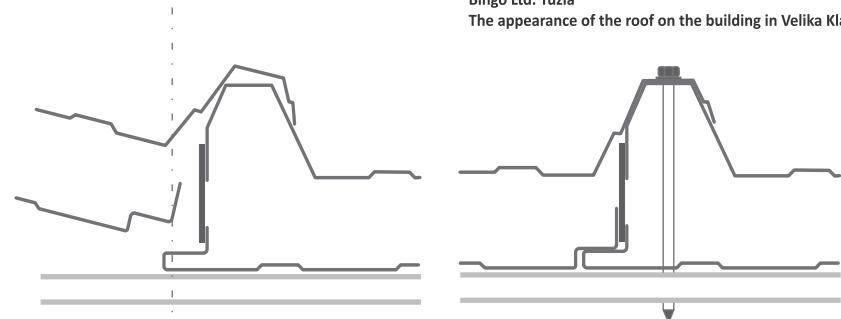
**SIMA TRADE d.o.o Laktaši**  
**Fabrika za proizvodnju i prodaju**





Bingo d.o.o Tuzla  
Izgled krova na objektu u Velikoj Kladuši

Bingo Ltd. Tuzla  
The appearance of the roof on the building in Velika Kladusa



MODUL GRADNJA d.o.o Sanski Most  
Fabrika za proizvodnju i ugradnju  
montažnih kuća



Modul Construction Ltd. Sanski Most  
Factory for production and installation  
of prefabricated houses

ADNA COMMERC d.o.o Bosanska Krupa  
HIPERMARKET u Cazinu



ADNA COMMERC Ltd. Bosanska Krupa  
Supermarket Cazin

SEMKO d.o.o Visoko  
Fabrika za proizvodnju suhog mesa



SEMKO Ltd. Visoko  
Factory for the production of cured meat



TRESPA  
Ulaz u FIS u Brčkom



Trespa  
Entrance in FIS Brčko

INOX kasete  
Ulaz u FORD u Tuzli

INOX  
Entrance in FORD Tuzla

ALUCOBOND  
Lexus d.o.o Sarajevo

ALUCOBOND  
Lexus d.o.o Sarajevo

## VENTILIRAJUĆE FASADE od lima

U našem pogonu imamo proizvodnju ventilirajućih fasadnih obloga od lima. Ventilirajuća fasada od lima (kasetirane fasadne obloge) izrađuju se od čeličnog pocijanog plastificiranog lima, AL lima i Inox-a.

Zavisno od vrste materijala i dimenzije ploča određuje se i debljina limova, ova vrsta fasanih obloga rade se i od niskovalnih limova kao što je trapeza i sinusoida.

Pored ventilirajućih fasadnih obloga od lima u ponudi imamo ventilirajuće fasade kao što su ALUCOBOND ili ALUBOND U.S.A, TRESPA ili FUNDERMAX.

## Ventilated Facade



At our facility we produce ventilated facade cladding of sheet metal . Ventilated facade made of sheet metal ( caisson curtain wall ) are made of steel galvanized coated steel sheet, aluminum sheet and stainless steel.

Depending on the material and dimensions of the panel is determined by the thickness of the sheet , this type of facade cladding are made from low- wave plates such as trapeze and sinusoidal .

In addition to the ventilated facade cladding of sheet metal , we offer ventilated facades such as ALUCOBOND or Alubond USA , TRESPA or FUNDERMAX



FUNDERMAX



KIKA, Zagreb



CUPOV, Zagreb

GARDEN MALL, Zagreb  
Kasetirana fasada





KROV JAK KAO BIK!



Osnovni materijal za PREFA pokrove je aluminijski lim proizvoden prema legure EN 1396. 40-godišnje garancija na aluminijski materijal PREFA krovne ploča, PREFA krovne šindre i PREFA rombova s prijevojem obuhvaća pucanje, hrđanje i smrzavanje uz prirodne okolne uvjete i stručno polaganje od strane građevinskog limara!

PREFALZ® JE ZBOG SVOJE PODATNOSTI LAKŠI ZA OBLIKOVANJE OD VEĆINE USPOREDIVIH MATERIJALA ZA PRIJEVOJE. PROJEKTANTU ON NUDI RAZNOLIKE KREATIVNE MOGUĆNOSTI PRIMJENE U PODRUČJU KROVA I FASADE.



With its 2.3 to 2.6 kg / m<sup>2</sup> PREFA roof panels are among the most easily, however, and most stable roofing materials. With only four roof panels can cover the whole square meter of roof surface. PREFA 10 standard colors and extensive program will provide optical polished and extremely long-lasting roofs.

PREFA long-lasting roof, which is also the center of perfectly coordinated comprehensive program for roof, the result of continuous research and stringent testing in practice leading



**GERARD®**  
KRALJ MEĐU KROVOVIMA

Restoran MACOLA



Krovne ploče se izrađuju od cink-aluminijskog lima ZINCALUME, lim je zatim zaštićen i akrilnom smolom, osnovom na koju su nanesene prirodne kamene čestice, i zadnjim slojem od čiste akrilne glazure. Na donjoj su strani nanesena dva sloja prozirne akrilne smole.

Krovne ploče 6 – 7 su puta lakše (6,9 kg/m<sup>2</sup>) od prosječnih ploča od opeke ili betona. Krov Gerard odlično podnosi snijeg i led jer ne upija vodu i s lakoćom nosi velike količine snijega. Ciklusi zamrzavanja i odmrzavanja ne mogu ga oštetiti, odignuti ili rasklimati upravo zbog vodoravna prekrivnog sistema učvršćivanja ploča.



Gerard roof panels are made in the press of the steel sheets. Since 1993, instead of outdated galvanized sheet metal is used alloyed zinc-aluminum sheet - Zincalume, which proved to be a much higher quality and is a worldwide trend that will soon accept other manufacturers of similar boards. Sheet is then protected by the acrylic resin, the base onto which the natural stone particles and the backing layer of a clear acrylic enamel. The lower side suffered two layers of transparent acrylic resin. Through it can see through protection of zinc-aluminum greenish color that is a trademark of the company AHI Roofing. Roof tiles 6-7 are times easier (6.9 kg / m<sup>2</sup>) than the average plate of brick or concrete. The so-called "lightweight fiber-cement boards," even three times the mass of the plate Gerard. Since less weight on the roof means less stress on the structure, that in many cases allows a significant gain with no need for expensive strong construction.



## INOX DIMNJACI I OGRADE



Inox dimnjake proizvodimo u našem pogonu prema propisima i standardima koje zahtjeva projekt ili izvođač centralnog grijanja.

Dimnjake u našem pogonu proizvodimo za privatne stambene kuće, stambeno poslovne objekte, proizvodne hale i tržne centre kao i za sve vrste drugih objekata. Zavisno od vrste objekta određuje se i veličina dimnjaka odnosno debљina limova i termoizolacije.

Standardni Inox dimnjak se sastoji od unutrašnjeg inox lima debљine 0,80-1,00mm, termoizolacije od kamene vune 5-10cm i vanjskog lima debљine 0,50mm.

Pored proizvodnje radimo i uslugu montaže dimnjaka. Inox dimnjak se sastoji od početnog postolja sa posudom i vratima za čišćenje, T komad za spoj, prodor kroz krov i završnom kapom.

U ponudi pored Inox dimnjaka proizvodimo Inox ograde unutrašnje i vanjske, unutrašnja stepeništa te ostale elemente od inoxa.



## Stainless steel chimneys and fences



Stainless steel chimneys are manufactured in our facility in accordance with regulations and standards required by the project contractor or central heating.

Chimneys at our plant produce for private residential houses, residential and commercial buildings, production halls and shopping malls, as well as all other types of objects.

Standard stainless steel chimney consists of an inner stainless steel sheet thickness 0,80mm up to 100mm, the thermal insulation of rock wool 5-10cm and outer sheet thickness of 0,50mm.

In addition to the production and installation service we do.

we offer a stainless steel enclosure, internal and external, internal staircases and other elements of stainless steel.



## ORMARICE

U našoj proizvodnji počeli smo sa izradom hidrantskih ormarica, ormarica za centralno grijanje i poštanskih ormarica.



Ormarice izrađujemo od čeličnih pocinčanih plastificiranih limova debljine 0,80 mm i od inoxa ili kobilacija ova dva materijala. Hidrantske ormarice proizvodimo prema standardima ili po zahtjevu projekta proizvode se kao zidne, ugradbene i nadzemne hidrantske ormarice.

Ormarice za centralno grijanje izvode se prema standaru koji zahtjevaju izvođač centralnog grijanja izrđuju se kao zidne i ugradbene ormarice. Poštanske ormarice izrađujemo kao pojedinačne ili u nizu zavisno od potrebe projekta izrđuju se kao zidne ili ugradbene poštanske ormarice. Pored navedenih proizvoda u našem pogonu prema zahtjevu kupca možemo izraditi i sve druge vrste ormarica.



## LOCKERS

In our production we started producing hydrant lockers, lockers for heating and mailboxes.



Lockers are made of steel galvanized lasticized steel sheets 0,80mm thick and made of stainless steel or a combination of these two materials.

All lockers are manufactured according to the standards. In addition to these lockers in our production facility can make and all other types of lockers on request.



Hidrantska ormarica / Hydrant cabinets



Ormarice za grijanje / Heating cabinets



Poštanske ormarice / Mailboxes



## ČELIČNE I DRVENE KONSTRUKCIJE



Radimo izradu i ugradnju čeličnih podkonstrukcija za krovne i fasadne panele prema projektu. U ponudi imamo izradu i ugradnju drvenih krovnih konstrukcija kao i izradu kompletног krovišta za stambene objekte.

HDL  
Podgorica



## STEEL AND WOODEN CONSTRUCTION



We do the design and installation of steel substructure for roof and facade panels to the project. We offer design and installation of timber roof structures as well as making the entire roof for residential buildings.



### **FIKO COMMERC d.o.o**

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